

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Herbstreit et al. Attorney Docket No. BO1-0018US  
(formerly BING-1-1050)

Serial No.: 10/764,802 Group Art Unit: 2863

Filing Date: January 26, 2004 Examiner: Cherry, Stephen J.

Title: METHODS AND SYSTEMS FOR PREDICTING FUEL SENSOR  
PERFORMANCE WITHIN A TANK DURING MOTION

**RESPONSE TO ADVISORY ACTION DATED MAY 17, 2006**  
**AND THE FINAL OFFICE ACTION DATED JANUARY 17, 2006**

To: Commissioner for Patents  
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**INTRODUCTORY COMMENTS**

This communication is responsive to the Advisory Action dated May 17, 2006, and the Final Office Action dated January 17, 2006. Please amend the above-captioned application as follows:

**Amendments to the Claims** begin on page 2 of this document.

**Remarks** begin on page 9 of this document.

**60483**

CUSTOMER NUMBER